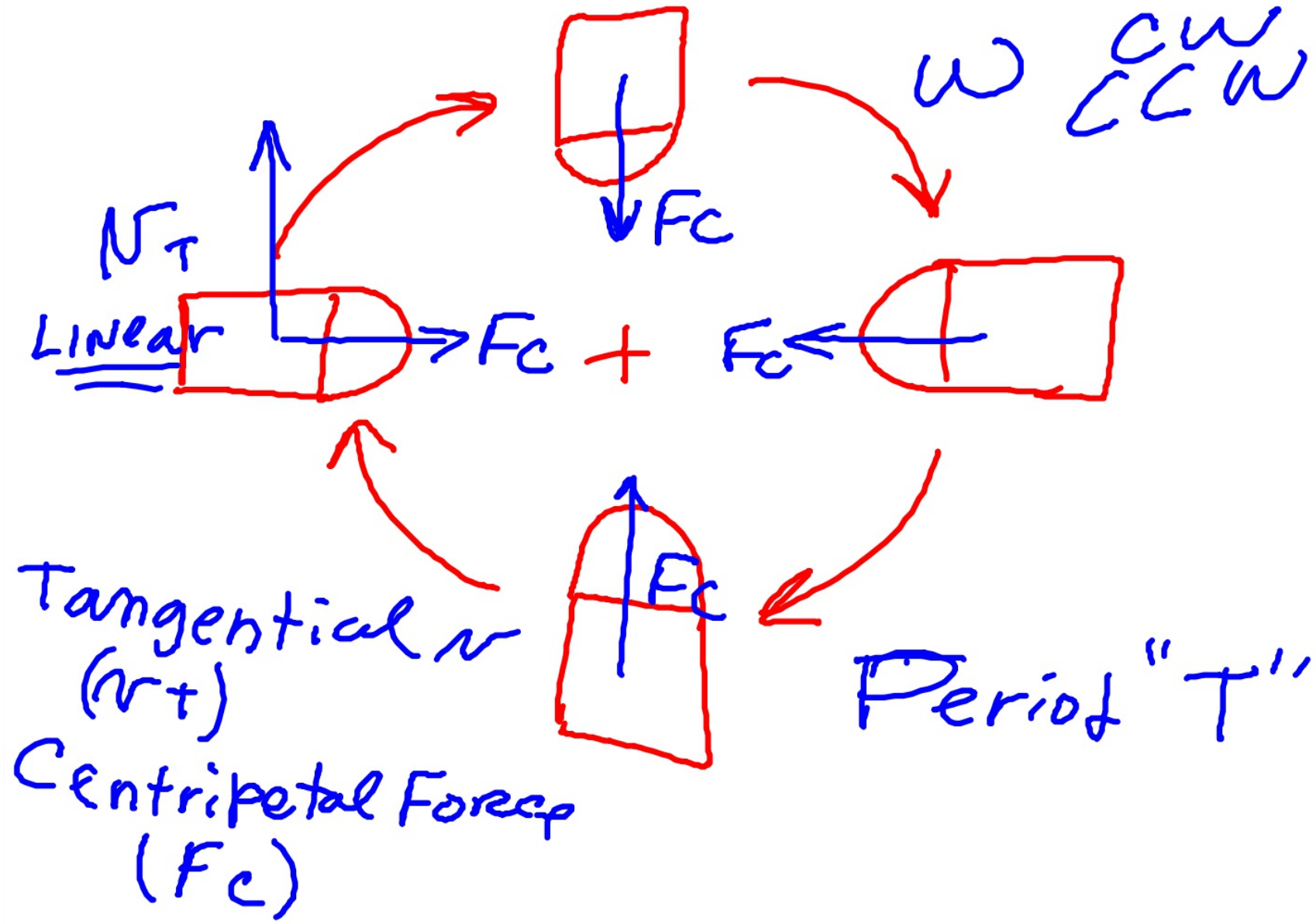
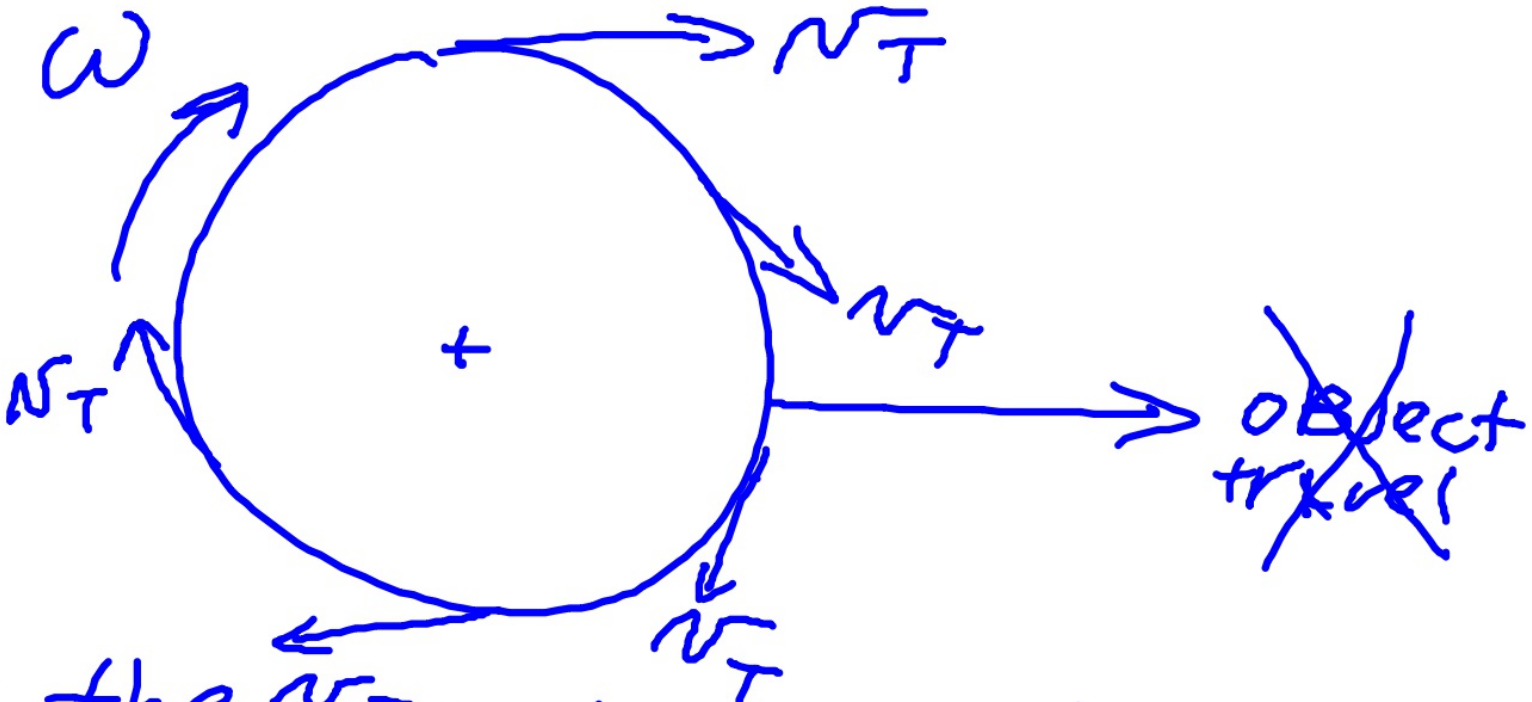

ω CW CCW
Fc
V_T
Linear
Fc + Fc
Fc
Tangential v
(v_t)
Centripetal Force
(F_c)
Period "T"

v_T = linear m/s

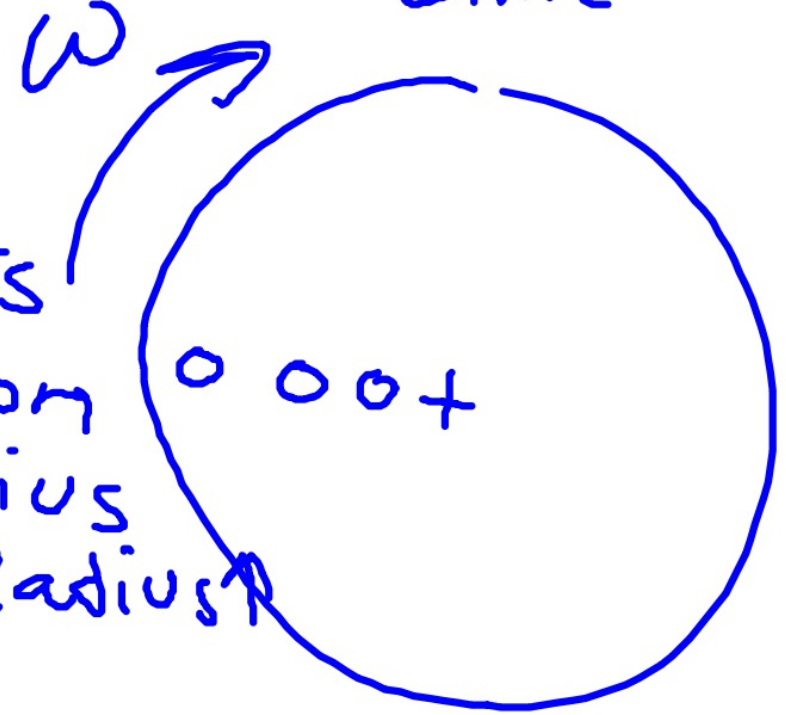


PATH the object WANTS to go

ω = ANGULAR velocity

Rotational

$$\frac{\text{Revolutions}}{\text{time}} \Rightarrow \frac{\text{Rev}}{\text{min}}$$



v_T DOES Depend on the radius

$v_T \uparrow$ Radius $\uparrow$

ON AN OBJECT that IS Rotating ALL POINTS Have the SAME ω